

IN THE UNITED STATES PATENT TRADEMARK OFFICE PATENT APPLICATION

Inventor(s): KOMINO et al.
Appln. No.: 09

667,770

Series Code ↑

Filed: September 22, 2000

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

REPLY/AMENDMENT LETTER

Group Art Unit 1763

Examiner: R. Zervigon

Atty. Dkt. P 272798

M# EL0006CDC

Client Ref

Appln. Title: PLASMA PROCESSING APPARATUS,
AND ELECTRODE STRUCTURE AND
TABLE STRUCTURE OF
PROCESSING APPARATUS

Date: March 18, 2003

This is a reply/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

FEE REQUIREMENTS FOR CLAIMS AS AMENDED

1. Small Entity claim		
A. <input checked="" type="checkbox"/> NOT made	For B & C	
B. <input type="checkbox"/> Withdrawn	See Required	
C. <input type="checkbox"/> made herewith	Separate Paper	
D. <input type="checkbox"/> made previously	(Pat-256)	

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	54	**minus 54	0	x \$18/\$9 =	+ \$0	103/203
3. Independent Claims	19	***minus 18	1	x \$84/\$42 =	+ \$84	102/202
4. If amendment enters <u>proper</u> multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application)		add	+ \$280/\$140 =	+ \$0		104/204
5. Original due Date: March 18, 2003	<input type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached	(1 mo) (2 mos) (3 mos) (4 mos) (5 mos)	\$110/\$55 = \$410/\$205 = \$930/\$465 = \$1,450/\$725 = \$1,970/\$985 =	+ \$0			115/215 116/216 117/217 118/218 128/228
7. Enter any previous extension fee paid since above original due date and subtract		- \$0				
8.			Extension Fee	+ \$0		
9. If Terminal Disclaimer attached, add Rule 20(d) official fee		+ \$110/\$55	+ \$0			148/248
10. If IDS attached requires Official Fee under Rule 97 (c), or if Rule 97(d) Request	add add	+ \$180 + \$180	+ \$0			126 126
11. After-Final Request Fee per rules 129(a) and 17(r)		+ \$750/370	+ \$0			146/246
12. No. of additional inventions for examination per Rule 129(b).....		x \$750/375 ea	+ \$0			149/249
13. Request for Continued Examination (RCE)		+ \$750/375	+ \$0			1179/1279
14. Petition fee for			+ \$0			
15.			TOTAL FEE =	\$84		
16. *If the entry in this space is less than entry in next space, the "Present Extra" result is "0".						
17. **If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.						
18. ***If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.						

Our Deposit Account No. 03-3975)

(Our Order No. 40258 272798

C# M#

PLEASE CHARGE
OUR DEP. ACCT

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

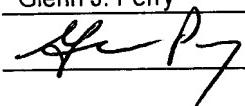
This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

Query: Is appeal deadline now? If so, file Notice of Appeals separately.

Pillsbury Winthrop LLP
Intellectual Property Group

By Atty: Glenn J. Perry Reg. No. 28458

P.O. Box 10500
McLean, VA 22102
Tel: (703) 905-2000

Sig:  Fax: (703) 905-2500
Tel: (703) 905-2161

Atty/Sec: gjp/EED

NOTE: File this cover sheet in duplicate with PTO receipt (PAT-103A) and attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION OF

Mitsuaki KOMINO *et al.*

Appln. No.: 09/667,770

Filed: September 22, 2000

Title: PLASMA PROCESSING APPARATUS, AND ELECTRODE STRUCTURE AND TABLE STRUCTURE OF PROCESSING APPARATUS

Confirmation No.: 8174

Group Art Unit: 1763

Examiner: R. Zervigon

March 18, 2003

* * * * *

AMENDMENT

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

In response to the Office Action dated December 18, 2002, please amend the above identified application as follows:

IN THE CLAIMS:

Kindly enter the following amended claims:

C1 14. (Amended) The electrode structure as claimed in claim 2, wherein said heater unit is divided into concentric zones, and the divided zones are controllable on an individual basis.

C2 36. (Amended) An electrode structure used in a plasma processing apparatus which performs a predetermined process on an object to be processed by using a plasma in a process chamber in which a vacuum can be formed, the electrode structure, comprising:

an electrode unit having a heater unit therein;
a cooling block joined to the electrode unit and having a cooling jacket which cools said electrode unit;
a heat resistant metal seal member for sealing an electrode-side heat transfer space formed between said electrode unit and said cooling block; and
electrode-side heat transfer gas supply means for supplying a heat transfer gas to said electrode-side heat transfer space, wherein said heater unit is divided into concentric zones, and the divided zones are controllable on an individual basis.

03/21/2003 HUANG1 00000065 033975 84.00 CH
01 FC1201 30355537_1.DOC